

# SACC-DSI-M12MS-12CON-M12 - Device connector rear mounting



1553488

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Sensor/actuator flush-type plug, 12-pos., M12, rear/screw mounting with M12 thread, with straight solder connection

## Commercial data

Item number	1553488
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB23
Product key	ABQEGI
GTIN	4046356157278
Weight per piece (including packing)	10.655 g
Weight per piece (excluding packing)	10.655 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Mounting

Mounting type	Rear mounting
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### Product properties

Product type	Circular connectors (device side)
Number of positions	12
Shielded	no
Coding	A
Thread type	M12

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Material specifications

Flammability rating according to UL 94	V0
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### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	30 V
Nominal current $I_N$	1.5 A

### Connection data

#### Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

### Connector

#### Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M12
Coding	A

### Cable/line

Signal type/category	Universal
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### Environmental and real-life conditions

#### Ambient conditions

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Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

## Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

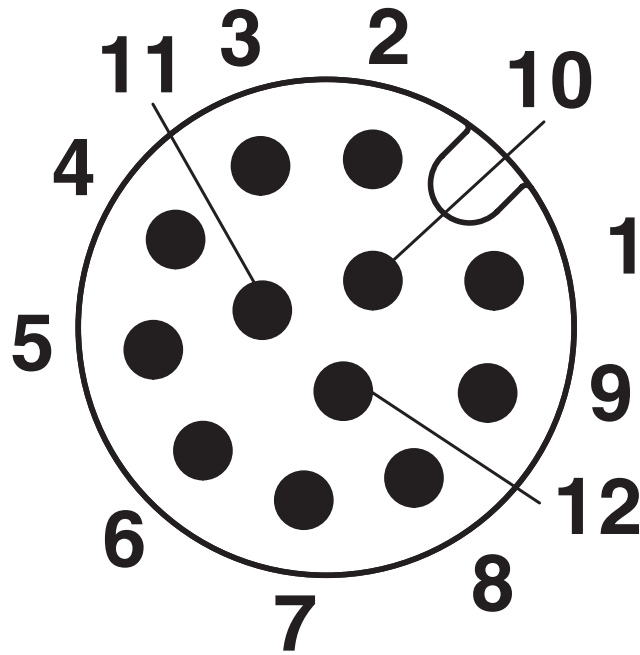
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## Drawings

Schematic diagram



Pin assignment M12 male connector, 12-pos., male side view

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1553488>

 <b>UL Recognized</b> Approval ID: E221474-20070307				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	30 V	1.5 A	-	-

 <b>cUL Recognized</b> Approval ID: E221474-20070307				
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## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

ETIM 10.0	EC003568
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	be0d6b9a-092b-475c-9fa0-c39212c78e83

### EF3.1 Climate Change

CO2e kg	1.478 kg CO2e
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